

Author index

- Abiko, Y., see Shibata, Y. (971) 121
- Afroun, S., Tenu, J.-P. and Lemaire, G.
Modifications of glycosylation patterns in macrophages upon activation (971) 137
- Alberghina, L., see Zippel, R. (971) 351
- Andersson, T., see Ng, J. (971) 207
- Ansell, G.B., see Boam, D.S.W. (971) 215
- Atwell, M.M. and Hanson, F.J.
Effect of pertussis toxin on the inhibition of secretory activity by prostaglandin E₂, somatostatin, epidermal growth factor and 12-*O*-tetradecanoylphorbol 13-acetate in parietal cells from rat stomach (971) 282
- Baldwin, S.A., see Brown, S.J. (971) 339
- Baron, B.M. and Limbird, L.E.
Human platelet phospholipase A₂ activity is responsive in vitro to pH and Ca²⁺ variations which parallel those occurring after platelet activation in vivo (971) 103
- Behl, B., Sommermeyer, H., Goppelt-Strübe, M. and Resch, K.
Phospholipase C in rabbit thymocytes: subcellular distribution and influences of calcium and GTPγS on the substrate dependence of cytosolic and plasma membrane-associated phospholipase C (971) 179
- Belay, N., Sparling, R., Choi, B.-S., Roberts, M., Roberts, J.E. and Daniels, L.
Physiological and ¹⁵N-NMR analysis of molecular nitrogen fixation by *Methanococcus thermolithotrophicus*, *Methanobacterium bryantii* and *Methanospirillum hungatei* (971) 233
- Boam, D.S.W., Spanner, S.G., Ansell, G.B. and Stanworth, D.R.
Synergistic enhancement of histamine release from rat peritoneal mast cells by the phorbol ester 12-*O*-tetradecanoylphorbol 13-acetate is not reflected by corresponding changes in phospholipid turnover (971) 215
- Borin, G., see Marchiori, F. (971) 332
- Brindle, K.M., see Wolfe, C.L. (971) 9
- Brown, S.J., Gould, G.W., Davies, A., Baldwin, S.A., Lienhard, G.E. and Gibbs, E.M.
Characterization of vesicles containing insulin-responsive intracellular glucose transporters isolated from 3T3-L1 adipocytes by an improved procedure (971) 339
- Calderan, A., see Marchiori, F. (971) 332
- Cantrill, R.C., see Heithier, H. (971) 298
- Cantrill, R.C., see Ward, L.D. (971) 307
- Carrascosa, J.M., Schleicher, E., Maier, R., Hackenberg, C. and Wieland, O.H.
Separation of the protein-tyrosine kinase and phosphatidylinositol kinase activities of the human placental insulin receptor (971) 170
- Case, R.M., see Seo, Y. (971) 289
- Chen, K.Y. and Dou, Q.-P.
Isolation and characterization of an 18 kDa hypusine-containing protein from cultured NB-15 mouse neuroblastoma cells (971) 21
- Chiba, P., Wallner, C. and Kaiser, E.
S-Adenosylmethionine metabolism in HL-60 cells: effect of cell cycle and differentiation (971) 38
- Chisholm, A.A.K. and Cohen, P.
The myosin-bound form of protein phosphatase 1 (PP-1_M) is the enzyme that dephosphorylates native myosin in skeletal and cardiac muscles (971) 163
- Choi, B.-S., see Belay, N. (971) 233
- Christiansen, N.O., Larsen, C.S. and Esmann, V.
A study on the role of protein kinase C and intracellular calcium in the activation of superoxide generation (971) 317
- Cohen, P., see Chisholm, A.A.K. (971) 163
- Comoglio, P.M., see Zippel, R. (971) 351
- Cottell, B., see Palmblad, J. (971) 92
- Crerar, M.M., David, E.S. and Storey, K.B.
Electrophoretic analysis of liver glycogen phosphorylase activation in the freeze-tolerant wood frog (971) 72
- Daniels, L., see Belay, N. (971) 233
- David, E.S., see Crerar, M.M. (971) 72
- Davies, A., see Brown, S.J. (971) 339
- DeLoach, J.R., see Holt, P.S. (971) 1
- Derksen, J.T.P., Morselt, H.W.M. and Scherphof, G.L.
Uptake and processing of immunoglobulin-coated liposomes by subpopulations of rat liver macrophages (971) 127
- Dou, Q.-P., see Chen, K.Y. (971) 21
- Drake, A.F., see Wawrzynczak, E.J. (971) 55
- Eisuke, , see Miyahara, M. (971) 46
- Esmann, V., see Christiansen, N.O. (971) 317
- Evans, C.H., see Sung, K. (971) 148
- Forchhammer, J., see Klarlund, J.K. (971) 112
- Fredholm, B.B., see Ng, J. (971) 207
- Freeman, B., see Heithier, H. (971) 298
- Fujiki, H., see Ohuchi, K. (971) 85
- Garlick, P.J., see Preedy, V.R. (971) 275
- Gentile, F., Raptis, A., Knipling, L.G. and Wolff, J.
Extracellular cAMP formation from host cell ATP by *Bordetella pertussis* adenylate cyclase (971) 63
- Georgescu, H.I., see Sung, K. (971) 148
- Gibbs, E.M., see Brown, S.J. (971) 339
- Gilbert, H.F., see Wolfe, C.L. (971) 9
- Goppelt-Strübe, M., see Behl, B. (971) 179
- Gould, G.W., see Brown, S.J. (971) 339

- Grunewald, R.W., see Jans, A.W.H. (1971) 157
 Gyllenhammar, H., see Palmblad, J. (1971) 92
- Hackenberg, C., see Carrascosa, J.M. (1971) 170
 Hanson, P.J., see Atwell, M.M. (1971) 282
 Heithier, H., Ward, L.D., Cantrill, R.C., Klein, H.W., Im, M.-J., Pollak, G., Freeman, B., Schiltz, E., Peters, R. and Helmreich, E.J.M.
 Fluorescent glucagon derivatives. I. Synthesis and characterisation of fluorescent glucagon derivatives (1971) 298
 Heithier, H., see Ward, L.D. (1971) 307
 Helmreich, E.J.M., see Heithier, H. (1971) 298
 Helmreich, E.J.M., see Ward, L.D. (1971) 307
 Hirasawa, N., see Ohuchi, K. (1971) 85
 Holt, P.S. and DeLoach, J.R.
 Cellular effects of T-2 mycotoxin on two different cell lines (1971) 1
- Im, M.-J., see Heithier, H. (1971) 298
- Jans, A.W.H., Grunewald, R.W. and Kinne, R.K.H.
 Pathways for organic osmolyte synthesis in rabbit renal papillary tissue, a metabolic study using ^{13}C -labeled substrates (1971) 157
 Jondal, M., see Ng, J. (1971) 207
- Kaiser, E., see Chiba, P. (1971) 38
 Kinne, R.K.H., see Jans, A.W.H. (1971) 157
 Kinoshita, M., see Matsuoka, H. (1971) 255
 Klarlund, J.K., Latini, S. and Forchhammer, J.
 Numerous proteins phosphorylated on tyrosine and enhanced tyrosine kinase activities in vanadate-treated NIH 3T3 fibroblasts (1971) 112
 Klein, H.W., see Heithier, H. (1971) 298
 Knipling, L.G., see Gentile, F. (1971) 63
 Kramer, I.J.M., Van der Bend, R.L., Verhoeven, A.J. and Roos, D.
 The 47-kDa protein involved in the NADPH:O_2 oxidoreductase activity of human neutrophils is phosphorylated by cyclic AMP-dependent protein kinase without induction of a respiratory burst (1971) 189
 Kusel, M., see McKie, A.T. (1971) 325
- Larsen, C.S., see Christiansen, N.O. (1971) 317
 Latini, S., see Klarlund, J.K. (1971) 112
 Lemaire, G., see Afroun, S. (1971) 137
 Lienhard, G.E., see Brown, S.J. (1971) 339
 Limbird, L.E., see Baron, B.M. (1971) 103
 Lucas, M.L., see McKie, A.T. (1971) 325
- Mackenzie, I.S., see Seo, Y. (1971) 289
 Maier, R., see Carrascosa, J.M. (1971) 170
 Malaisse, W.J. and Sener, A.
 Hexose metabolism in pancreatic islets. Feedback control of D-glucose oxidation by functional events (1971) 246
 Marchiori, F., Meggio, F., Marin, O., Borin, G., Calderan, A., Ruzza, P. and Pinna, L.A.
 Synthetic peptide substrates for casein kinase 2. Assessment of minimum structural requirements for phosphorylation (1971) 332
 Marin, O., see Marchiori, F. (1971) 332
 Matsumoto, S., see Matsuoka, H. (1971) 255
 Matsuoka, H., Matsumoto, S., Kinoshita, M. and Yamada, S.
 Effective stage in the cell cycle for control of the budding direction of *cdc* mutants of *Saccharomyces cerevisiae* using electric stimulus (1971) 255
 Mbonyi, K. and Thevelein, J.M.
 The high-affinity glucose uptake system is not required for induction of the RAS-mediated cAMP signal by glucose in cells of the yeast *Saccharomyces cerevisiae* (1971) 223
 McEwan, G.T.A., see McKie, A.T. (1971) 325
 McKie, A.T., Kusel, M., McEwan, G.T.A. and Lucas, M.L.
 The effect of heat-stable *Escherichia coli* enterotoxin, theophylline and forskolin on cyclic nucleotide levels and mucosal surface (acid microclimate) pH in rat proximal jejunum in vivo (1971) 325
 Meggio, F. and Pinna, L.A.
 Phosphorylation of phosphotyrosine by casein kinase-2 provides the evidence that phosphoserines can replace carboxylic amino acids as specificity determinants (1971) 227
 Meggio, F., see Marchiori, F. (1971) 332
 Mendelow, D., see Sung, K. (1971) 148
 Mithieux, G. and Rousset, B.
 Regulation of the microtubule-lysosome interaction: activation by Mg^{2+} and inhibition by ATP (1971) 29
 Miyahara, M., Okimasu, E., Uchida, H., Eisuke, S., Sato, F., Yamamoto, M. and Utsumi, K.
 Charge-dependent regulation of NADPH oxidase activities in intact and subcellular systems of polymorphonuclear leukocytes (1971) 46
 Morello, L., see Zippel, R. (1971) 351
 Morselt, H.W.M., see Derksen, J.T.P. (1971) 127
- Ng, J., Fredholm, B.B., Jondal, M. and Andersson, T.
 Regulation of receptor-mediated calcium influx across the plasma membrane in a human leukemic T-cell line: evidence of its dependence on an initial calcium mobilization from intracellular stores (1971) 207
 Nilsson, E., see Palmblad, J. (1971) 92
- Odell, E.W. and Segal, A.W.
 The bactericidal effects of the respiratory burst and the myeloperoxidase system isolated in neutrophil cytoplasm (1971) 266
 Ohuchi, K., Watanabe, M., Hirasawa, N., Tsurufuji, S., Ozeki, T. and Fujiki, H.
 Inhibition by gossypol of tumor promoter-induced arachidonic acid metabolism in rat peritoneal macrophages (1971) 85
 Okimasu, E., see Miyahara, M. (1971) 46
 Ozeki, T., see Ohuchi, K. (1971) 85
- Palmblad, J., Gyllenhammar, H., Ringertz, B., Nilsson, E. and Cottell, B.
 Leukotriene B_4 triggers highly characteristic and specific functional responses in neutrophils: studies of stimulus specific mechanisms (1971) 92

- Peters, R., see Heithier, H. (971) 298
 Peters, R., see Ward, L.D. (971) 307
 Pinna, L.A., see Marchiori, F. (971) 332
 Pinna, L.A., see Meggio, F. (971) 227
 Pollak, G., see Heithier, H. (971) 298
 Preedy, V.R. and Garlick, P.J.
 The effect of rejuvenation of aged erythrocytes on biochemical parameters in the perfused hind limb muscle preparation (971) 275
- Radda, G.K., see Wolfe, C.L. (971) 9
 Raptis, A., see Gentile, F. (971) 63
 Resch, K., see Behl, B. (971) 179
 Ringertz, B., see Palmblad, J. (971) 92
 Roberts, J.E., see Belay, N. (971) 233
 Roberts, M., see Belay, N. (971) 233
 Roos, D., see Kramer, I.J.M. (971) 189
 Rousset, B., see Mithieux, G. (971) 29
 Ruzza, P., see Marchiori, F. (971) 332
- Salord, J. and Schubert, F.
 In vitro drug delivery mediated by ecto-NAD⁺-glycohydrolase ligand-targeted liposomes (971) 197
- Sato, F., see Miyahara, M. (971) 46
 Scherphof, G.L., see Derksen, J.T.P. (971) 127
 Schiltz, E., see Heithier, H. (971) 298
 Schleicher, E., see Carrascosa, J.M. (971) 170
 Schubert, F., see Salord, J. (971) 197
 Segal, A.W., see Odell, E.W. (971) 266
 Sener, A., see Malaisse, W.J. (971) 246
 Seo, Y., Steward, M.C., Mackenzie, I.S. and Case, R.M.
 Acetylcholine-induced metabolic changes in the perfused rabbit mandibular salivary gland studied by ³¹P-NMR spectroscopy (971) 289
- Shibata, Y., Abiko, Y. and Takiguchi, H.
 Phospholipase A₂ in macrophage plasma membrane releases arachidonic acid from phosphatidylinositol (971) 121
- Sommermeier, H., see Behl, B. (971) 179
 Spanner, S.G., see Boam, D.S.W. (971) 215
 Sparling, R., see Belay, N. (971) 233
 Stanworth, D.R., see Boam, D.S.W. (971) 215
 Steward, M.C., see Seo, Y. (971) 289
 Storey, K.B., see Crerar, M.M. (971) 72
 Sturani, E., see Zippel, R. (971) 351
- Sung, K., Mendelow, D., Georgescu, H.I. and Evans, C.H.
 Characterisation of chondrocyte activation in response to cytokines synthesised by a synovial cell line (971) 148
- Takiguchi, H., see Shibata, Y. (971) 121
 Tenu, J.-P., see Afroun, S. (971) 137
 Thevelein, J.M., see Mbonyi, K. (971) 223
 Thorpe, P.E., see Wawrzynczak, E.J. (971) 55
 Toschi, L., see Zippel, R. (971) 351
 Tsurufuji, S., see Ohuchi, K. (971) 85
- Uchida, H., see Miyahara, M. (971) 46
 Utsumi, K., see Miyahara, M. (971) 46
- Van der Bend, R.L., see Kramer, I.J.M. (971) 189
 Verhoeven, A.J., see Kramer, I.J.M. (971) 189
 Vitetta, E.S., see Wawrzynczak, E.J. (971) 55
- Wallner, C., see Chiba, P. (971) 38
- Ward, L.D., Cantrill, R.C., Heithier, H., Peters, R. and Helmreich, E.J.M.
 Fluorescent glucagon derivatives. II. The use of fluorescent glucagon derivatives for the study of receptor disposition in membranes (971) 307
- Ward, L.D., see Heithier, H. (971) 298
 Watanabe, M., see Ohuchi, K. (971) 85
 Watson, G.J., see Wawrzynczak, E.J. (971) 55
 Wawrzynczak, E.J., Drake, A.F., Watson, G.J., Thorpe, P.E. and Vitetta, E.S.
 Ricin B chain-containing immunotoxins prepared with heat-denatured B chain lacking galactose-binding ability potentiate the cytotoxicity of a cell-reactive ricin A chain immunotoxin (971) 55
- Wieland, O.H., see Carrascosa, J.M. (971) 170
 Wolfe, C.L., Gilbert, H.F., Brindle, K.M. and Radda, G.K.
 Determination of buffering capacity of rat myocardium during ischemia (971) 9
- Wolff, J., see Gentile, F. (971) 63
- Yamada, S., see Matsuoka, H. (971) 255
 Yamamoto, M., see Miyahara, M. (971) 46
- Zippel, R., Morello, L., Toschi, L., Alberghina, L., Comoglio, P.M. and Sturani, E.
 Effect of the growth conditions on the expression of cell-surface-associated platelet-derived growth factor receptors in mouse fibroblasts (971) 351